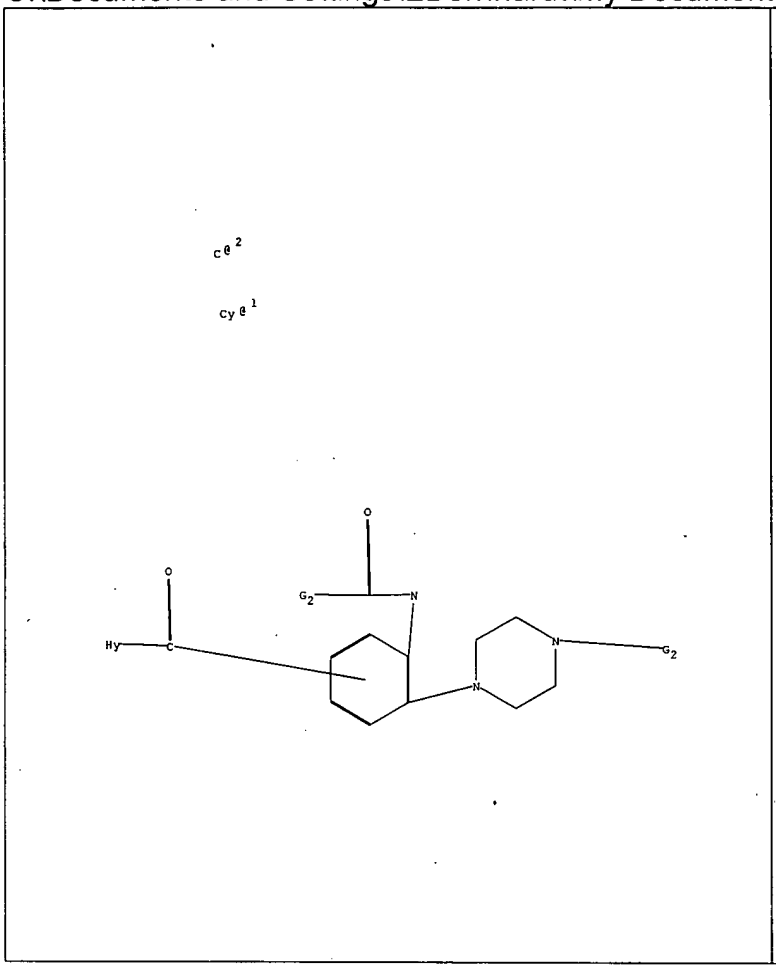
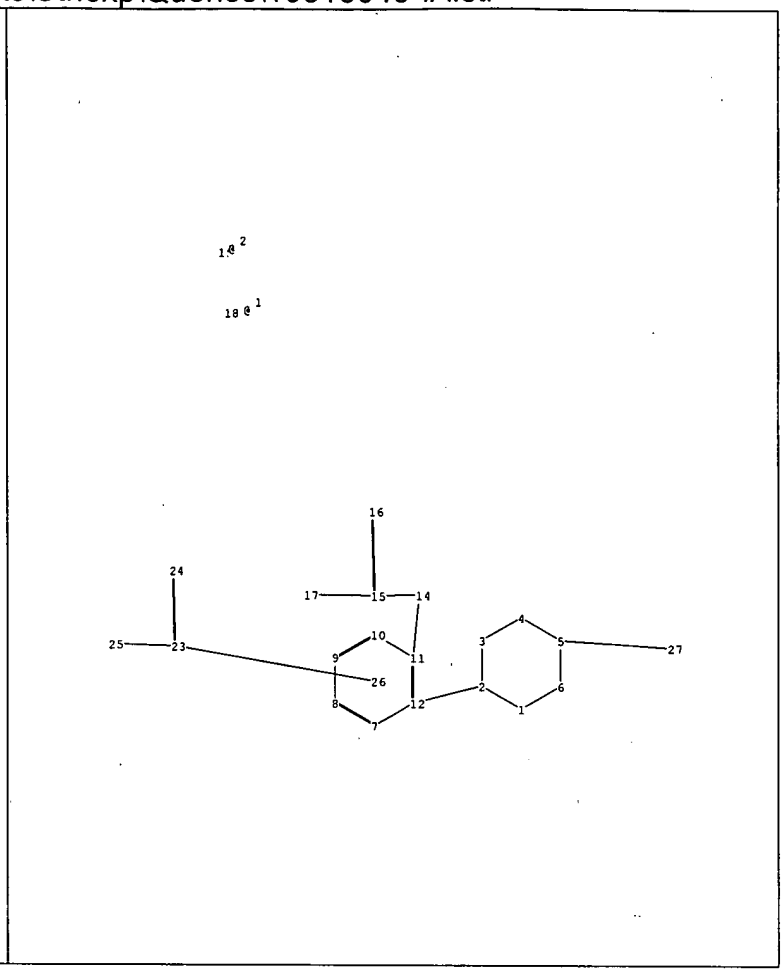
C:\Documents and Settings\EBernhardt\My Documents\Stnexp\Queries\10815048-IA.str



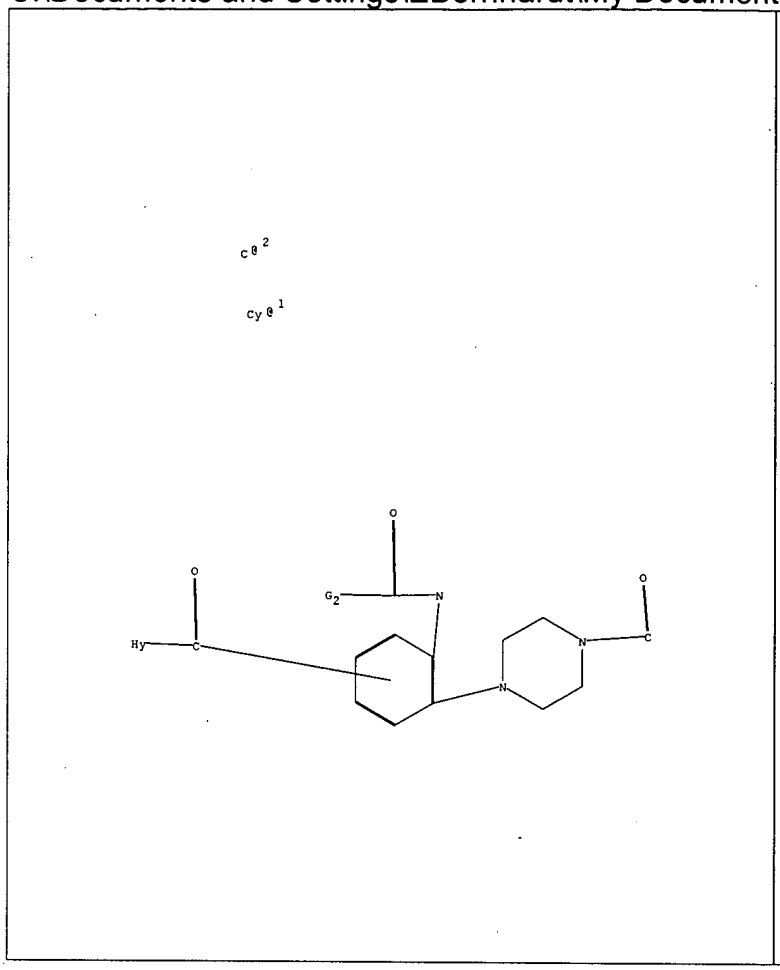


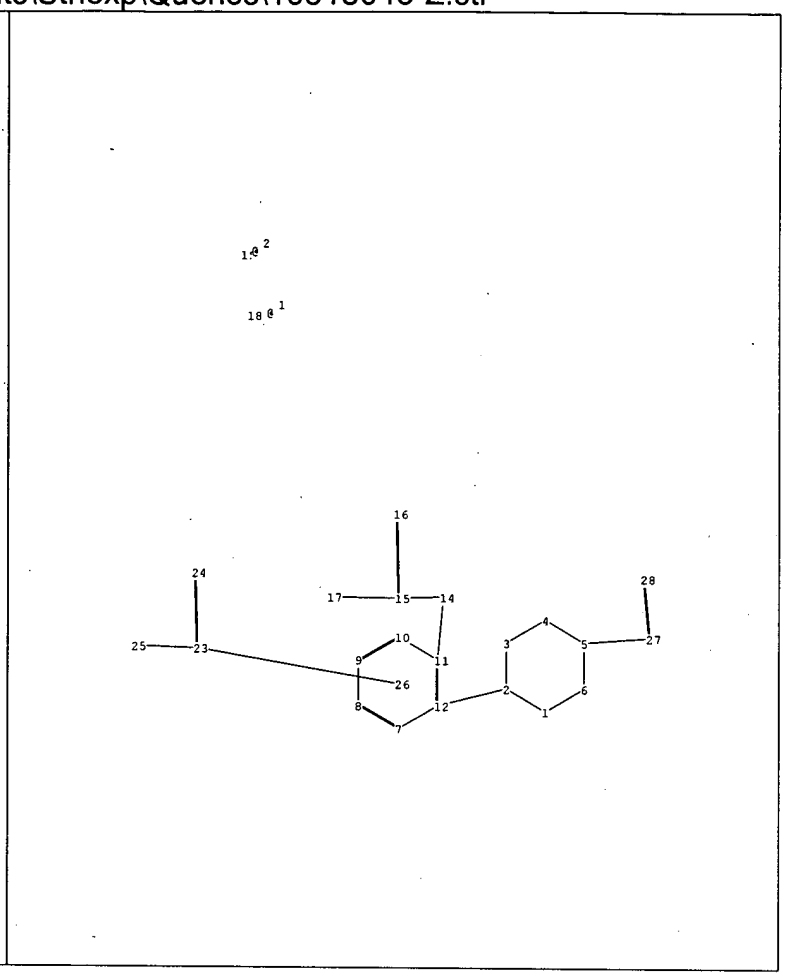
chain nodes :
14 15 16 17 18 19 23 24 25 27
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
2-12 5-27 11-14 14-15 15-16 15-17 23-24 23-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 2-12 3-4 4-5 5-6 5-27 11-14 14-15 15-16 15-17 23-24 23-25
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

G2:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom 27:CLASS

C:\Documents and Settings\EBernhardt\My Documents\Stnexp\Queries\10815048-Z.str





chain nodes :
14 15 16 17 18 19 23 24 25 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
2-12 5-27 11-14 14-15 15-16 15-17 23-24 23-25 27-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 2-12 3-4 4-5 5-6 5-27 11-14 14-15 15-16 15-17 23-24 23-25 27-28
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

G2:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom 27:CLASS 28:CLASS

Welcome to STN International! Enter x:x

LOGINID:sssptau122ebb

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 19:11:14 ON 19 FEB 2007
FILE 'REGISTRY' ENTERED AT 19:11:14 ON 19 FEB 2007
COPYRIGHT (C) 2007 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.65	8.07

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.65	8.07

FILE 'REGISTRY' ENTERED AT 19:11:25 ON 19 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 FEB 2007 HIGHEST RN 921759-52-6
DICTIONARY FILE UPDATES: 18 FEB 2007 HIGHEST RN 921759-52-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d his

(FILE 'HOME' ENTERED AT 19:04:44 ON 19 FEB 2007)

FILE 'REGISTRY' ENTERED AT 19:06:00 ON 19 FEB 2007
L1 STRUCTURE UPLOADED
L2 34 S L1

FILE 'REGISTRY' ENTERED AT 19:11:25 ON 19 FEB 2007

=> s l1
SAMPLE SEARCH INITIATED 19:12:11 FILE 'REGISTRY'

10815048

SAMPLE SCREEN SEARCH COMPLETED - 622 TO ITERATE

100.0% PROCESSED 622 ITERATIONS 34 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 10944 TO 13936
PROJECTED ANSWERS: 331 TO 1029

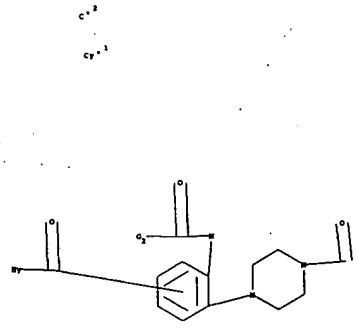
L3 34 SEA SSS SAM L1

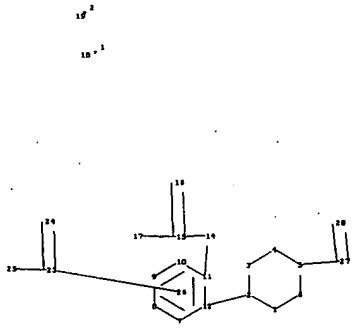
=> s l1 sss full
FULL SEARCH INITIATED 19:12:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 12504 TO ITERATE

100.0% PROCESSED 12504 ITERATIONS 661 ANSWERS
SEARCH TIME: 00.00.02

L4 661 SEA SSS FUL L1

=>
Uploading C:\Documents and Settings\EBernhardt\My Documents\Stnexp\Queries\10815048-Z.str





10815048

chain nodes :
14 15 16 17 18 19 23 24 25 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
2-12 5-27 11-14 14-15 15-16 15-17 23-24 23-25 27-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 2-12 3-4 4-5 5-6 5-27 11-14 14-15 15-16 15-17 23-24 23-25
27-28
normalized bonds :
7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

G2:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS
23:CLASS 24:CLASS 25:Atom 26:Atom 27:CLASS 28:CLASS

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l5 sub=l4 full
FULL SUBSET SEARCH INITIATED 19:13:33 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 660 TO ITERATE

100.0% PROCESSED 660 ITERATIONS 655 ANSWERS
SEARCH TIME: 00.00.01

L6 655 SEA SUB=L4 SSS FUL L5

=> s l4 not l6
L7 6 L4 NOT L6

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	214.55	222.62

FILE 'CAPLUS' ENTERED AT 19:14:14 ON 19 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 19 Feb 2007 VOL 146 ISS 9
FILE LAST UPDATED: 18 Feb 2007 (20070218/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

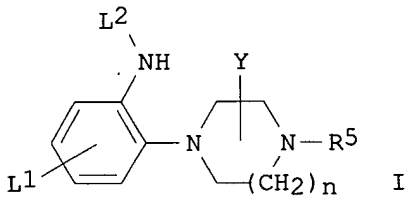
=> s l7
L8 3 L7

=> d l8 1-3 bib abs hitstr

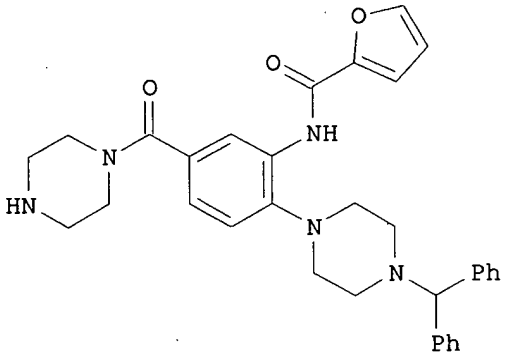
L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:857558 CAPLUS
DN 141:350197
TI Preparation of phospholipase c inhibitors for use in treating inflammatory disorders
IN Lagu, Bharat; Rupert, Kenneth; Wachter, Michael
PA Janssen Pharmaceutica N.V., Belg.
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004087654	A2	20041014	WO 2004-US9839	20040331
	WO 2004087654	A3	20050127		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004235827	A1	20041125	US 2004-815048	20040331
PRAI	US 2003-459067P	P	20030331		

OS MARPAT 141:350197
GI



I



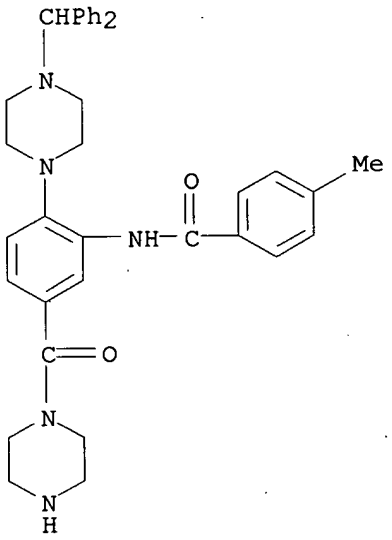
II

AB This invention is directed to preparation of heterocyclyl-substituted anilino phospholipase C inhibitor compds. I [L1 = (un)substituted-alkyl, -heterocyclic carbonyl, -alkylsulfonyl, etc.; L2 = (un)substituted-alkyl, -alkylsulfonyl, -N-alkylamide, etc.; R5 = (un)substituted-alkyl, -cycloalkyl, -aryl; Y = one or more optionally present (un)substituted alkyl substituents; n = 1-2] useful in treating or ameliorating an inflammatory disorders and/or restenosis and enantiomers, diastereomers and pharmaceutically acceptable salts thereof. Thus, e.g., II was prepared in six steps employing a solid phase synthesis starting from piperazine (47% yield). Solution phase methods for preparing I are also presented. I possessed IC50 values ranging from 8.7 to >25 μM. The present invention is further directed to pharmaceutical compns. comprising the compds. of the present invention and to methods for treating conditions affected by phospholipase modulation.

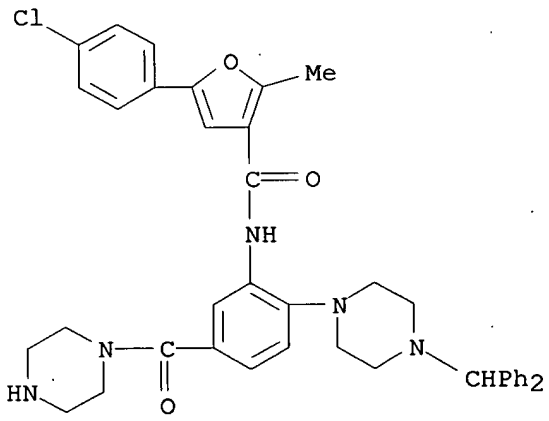
IT 774582-81-9P 774582-82-0P 774582-83-1P
774582-84-2P 774582-92-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; solid phase synthesis of piperazinyl derivs. and analogs thereof as phospholipase C inhibitors for treatment of inflammatory disorders)

RN 774582-81-9 CAPLUS

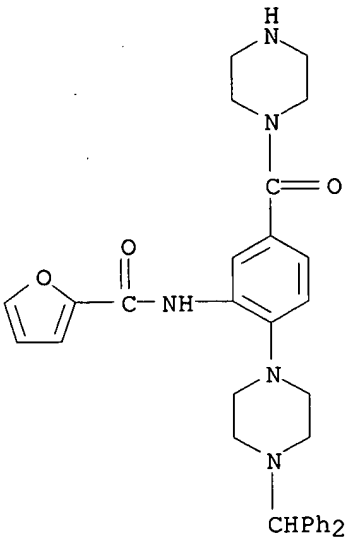
CN Benzamide, N-[2-[4-(diphenylmethyl)-1-piperazinyl]-5-(1-piperazinylcarbonyl)phenyl]-4-methyl- (9CI) (CA INDEX NAME)



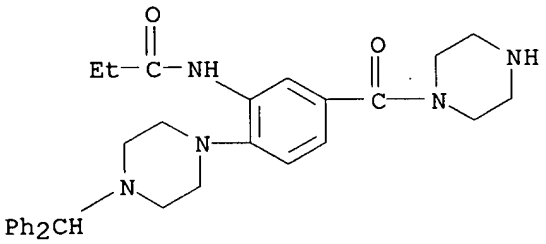
RN 774582-82-0 CAPLUS
CN 3-Furancarboxamide, 5-(4-chlorophenyl)-N-[2-[4-(diphenylmethyl)-1-piperazinyl]-5-(1-piperazinylcarbonyl)phenyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 774582-83-1 CAPLUS
CN 2-Furancarboxamide, N-[2-[4-(diphenylmethyl)-1-piperazinyl]-5-(1-piperazinylcarbonyl)phenyl]- (9CI) (CA INDEX NAME)



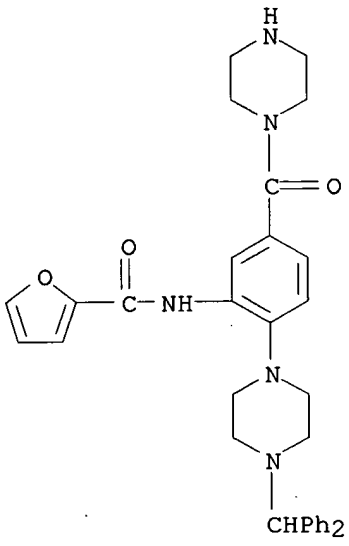
RN 774582-84-2 CAPLUS
CN Propanamide, N-[2-[4-(diphenylmethyl)-1-piperazinyl]-5-(1-piperazinylcarbonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 774582-92-2 CAPLUS
CN 2-Furancarboxamide, N-[2-[4-(diphenylmethyl)-1-piperazinyl]-5-(1-piperazinylcarbonyl)phenyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

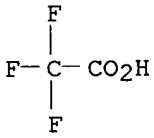
CM 1

CRN 774582-83-1
CMF C33 H35 N5 O3



CM 2

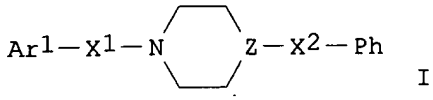
CRN 76-05-1
CMF C2 H F3 O2



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:638288 CAPLUS
DN 137:185513
TI Preparation of piperidine and piperazine derivatives as inhibitors of p38α kinase
IN Goehring, R. richard; Mavunkel, Babu J.; Liu, David Y.; Schreiner, George F.; Leudtke, Gregory; Lewicki, John A.
PA USA
SO U.S. Pat. Appl. Publ., 50 pp., Cont.-in-part of U.S. Ser. No. 385,494.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002115671	A1	20020822	US 2001-796997	20010228
	US 6541477	B2	20030401		
	US 6410540	B1	20020625	US 1999-385494	19990827
PRAI	US 1999-385494	A2	19990827		
	US 2000-185571P	P	20000228		
	US 1998-98219P	P	19980828		

US 1999-125343P P 19990319
OS MARPAT 137:185513
GI

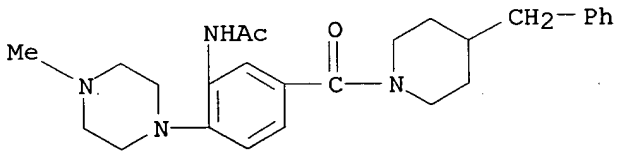


I

AB The title compds. I [Ar1 = furanyl optionally substituted; X1 = CO; Z = N, CH; X2 = CH2, isostere; Ph may be optionally substituted], inhibitors of p38α kinase, were prepared For example, 1-benzoyl-4-benzylpiperidine was prepared in 96% yield by reaction of 4-benzylpiperidine and PhCOCl in the presence of diisopropylethylamine in CH2Cl2. In p38α kinase inhibition assays, I showed substantial inhibition at 15 μM, some as high as 99%. I are useful for the treatment of conditions associated with activation of p38α, in particular inflammation and cardiac conditions (no data).

IT 358985-88-3P, Acetamide, N-[2-(4-methyl-1-piperazinyl)-5-[[4-(phenylmethyl)-1-piperidinyl]carbonyl]phenyl]-
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidine and piperazine derivs. as inhibitors of p38α kinase for treatment of inflammation and cardiac conditions)

RN 358985-88-3 CAPLUS
CN Acetamide, N-[2-(4-methyl-1-piperazinyl)-5-[[4-(phenylmethyl)-1-piperidinyl]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



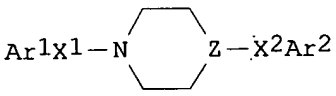
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:661422 CAPLUS
DN 135:227015
TI Preparation of piperidine and piperazine derivatives as inhibitors of p38-α kinase
IN Goehring, Richard R.; Mavunkel, Babu J.; Liu, David Y.; Schreiner, George F.; Luedtke, Gregory; Lewicki, John A.
PA Scios, Inc., USA
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064676	A2	20010907	WO 2001-US6715	20010228
	WO 2001064676	A3	20020328		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-185571P P 20000228
OS MARPAT 135:227015
GI

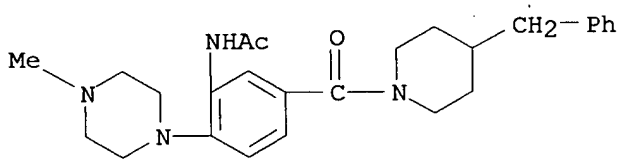


I

AB The title compds. I [Ar1 = furanyl optionally substituted; X1 = CO; Z = N, CH; X2 = CH2, isostere; Ar2 = substituted Ph], inhibitors of p38-α kinase, were prepared E.g., 1-benzoyl-4-benzylpiperidine was prepared by reaction of 4-benzylpiperidine and PhCOCl.

IT 358985-88-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidine and piperazine derivs. as inhibitors of p38-α kinase)

RN 358985-88-3 CAPLUS
CN Acetamide, N-[2-(4-methyl-1-piperazinyl)-5-[[4-(phenylmethyl)-1-piperidinyl]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.63	241.25
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.34	-2.34

FILE 'CAOLD' ENTERED AT 19:17:47 ON 19 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

```
=> s l7
L9            0 L7

=> log h
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	241.70

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

```
 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 19:18:04 ON 19 FEB 2007
```